

AMENDMENTS TO THE ABSTRACT

Please substitute the following paragraph for the abstract now appearing in the currently filed specification:

A method for controlling the operation of an air conditioning system, including the steps of operating the air conditioning system until a frequency of a compressor reaches to a preset target frequency, stabilizing the operation of the system after the frequency of the compressor reaches to the preset target frequency, and operating the system at a fixed level. The system stabilizing step includes a first step for regulating opening of the expansion device, to increase the degree of superheat of refrigerant at an outlet of the compressor, comparing a temperature change rate of the condenser with respect to time to a preset temperature change rate, and a second step for, if the temperature change rate of the condenser with respect to time is lower than the preset temperature changer rate, comparing the degree of superheat of refrigerant at an outlet of the compressor to a preset degree of superheat of refrigerant at an outlet of the compressor, and opening the opening of the expansion device to a preset state, if the degree of superheat of refrigerant at an outlet of the compressor is higher than the preset degree of superheat of refrigerant at an outlet of the compressor.